



## **BACKGROUND OF THE INVENTION**

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### **1. Field of the invention**

**The present invention relates to an intrusion detecting apparatus for a vehicle, and particularly to an intrusion detecting apparatus for a vehicle to detect an illegal intrusion of a person into a vehicle by utilizing a disseminating Infrared transmitting/receiver device, which is placed under the driver's car seat creating an Infrared protective barrier around the bottom of the driver's seat particularly the driver's foot peddles.**



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## **“The Motor Vehicle Guard Wireless Infrared Alert System”**

### **Description of Specifications**

**An wireless automotive security alert system in which an infrared disseminating sensor located under the drivers seat of the vehicle placed towards the foot peddles detects an unauthorized persons who is attempting to operate a vehicle, operating on disposable batteries and using the Fresnel lens to bend the infrared disseminating beams which are set at a predetermined field of view to cover every conceivable angle under the drivers seat, with a detection range of no less than 2 inches. Once activated the device will have no less than two disseminating Infrared beams in use. The Motor Vehicle Guard also includes Home and Key chain receiver units for twenty-four hour vehicle monitoring. The wireless Home Receiver Unit is powered by disposable batteries or a DC adaptor, the Key Chain Receiver Unit is only powered by disposable batteries. Once activated the Home Receiver Unit allows its owners to control the volume of the device through the use of a volume**

**scroll for personal preferences. The Key Chain Receiver Unit has a beep or vibrate function for privacy, both devices have a detection range of no less than 400 feet allowing its owners to monitor their vehicles over a limited range. If anyone of the Motor Vehicle Guards Infrared beams are disturbed or broken then it will transmit a signal from the vehicle into the Home receiver Unit or the Key Chain Unit or both triggering a preset flashing signal and an alerting sound, which alerts owners of the devices disturbance, giving them the opportunity to either investigate the vehicles intrusion privately or to phone the police, both actions would be unknown to the unsuspecting car thief, increasing the chances of apprehension. The device can be shaped in the form of a circle, oval, triangle, rectangle, square, octagon, diamond, horseshoe, clover, star or any other closely related shapes.**

**\*10 Drawings Included\***